

March 31, 1931

Minutes of the One Hundred and Fifty-third Meeting of the State Highway Commission held in the State Office Building, with the following members present:

W. R. Ely, Chairman,  
Cone Johnson, Member,  
D. K. Martin, Member,  
Gibb Gilchrist, State Highway Engineer.

3950. In Cooke County on bids received March 31, 1931, contract for construction of grading and small drainage structures from Gainesville east to the Grayson County line, a distance of 11.304 miles, on State Highway #5, F.A.P. 549-D, is awarded to D. H. Purvis & Sons, Ft. Worth, Texas, for \$49,347.06, and the contract for the large structures is awarded to L. D. Parks, Ft. Worth, Texas, for \$33,913.26, which are the lowest and best bids.
3951. In Motley County on bids received March 31, 1931, contract for construction of grading and drainage structures from Dickens County line to Matador, a distance of 12.785 miles, on State Highway #18, F.A.P. 446-B and S.P. 585-B, is awarded to Huddleston Construction Company, Crosbyton, Texas, for \$52,039.89, which is the lowest and best bid.
3952. In Haskell County on bids received March 31, 1931, contract for construction of grading and drainage structures from Knox County line to Rule, a distance of 15.395 miles, on State Highway #51, S.P. 959-C, is awarded to D. H. Purvis & Sons, Ft. Worth, Texas, for \$26,637.03, which is the lowest and best bid.
3953. In Dallas County on bids received March 31, 1931, contract for construction of concrete pavement from Highway #1 west 5.8 miles, and from Red Bud Road west 0.656 miles, a total distance of 6.484 miles, on State Highway #114, S.P. 839-G & H, Unit II, is awarded to Central Bituminous Company, Dallas, Texas, for \$175,336.61, which is the lowest and best bid.
3954. In Ector County on bids received March 31, 1931, contract for construction of caliche base and surface course with triple asphalt surface treatment from 7.6 miles north of Odessa to Andrews County line, a distance of 9.375 miles, on State Highway #137, S.P. 936-B, Unit II, is awarded to E. R. Leach, Dallas, Texas, for \$72,369.14, which is the lowest and best bid.
3955. In Brazos County on bids received March 31, 1931, contract for construction of grading and drainage structures from the Navasota River to the Brazos River, a distance of 2.128 miles on Highway #90, S.P. 740-D is awarded to R. B. Sparks, Dallas, Texas, for \$7,377.25, which is the lowest and best bid.
3956. In Hill County on bids received March 31, 1931, contract for construction for 3-45° steel I-beam spans, concrete floor, concrete bents and abutments, 24 ft. roadway over White Rock Creek, high early strength concrete used throughout, on State Highway #6, S.P. 237-D is awarded to J. B. Clardy, Ft. Worth, Texas, for \$9,748.19, which is the lowest and best bid.
3957. In Refugio County on bids received March 31, 1931, contract for construction of St. L. B. & M. R.R. Overpass, on State Highway #113, S.P. 861-C, is awarded to C. W. Gilfillan, Austin, Texas, for \$20,535.68, which is the lowest and best bid.

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3958. In Upton County on bids received March 31, 1931, contract for construction of two reinforced concrete deck girder bridges and roadway approaches on State Highway #99, S.P. 903-I, is awarded to Municipal Engineering Company, Dallas, Texas, for \$28,872.19, which is the lowest and best bid.
3959. In Pecos County the State Highway Engineer is directed to proceed with preparation of plans and award of contract for construction of 11.6 miles of State Highway #3, Unit II, on condition that Pecos County will furnish, first and last, including grading and drainage structures and surfacing, one third of the total cost.
3960. In Brewster County the State Highway Engineer is directed to proceed with the preparation of plans and award of contract for construction of grading and drainage structures on approximately 17 miles of State Highway #3, beginning at the Pecos County line and extending west. This order to cover Unit I only, and with the understanding that when Unit II is constructed Brewster County is to furnish a full one-third of the cost of both Units I and II in addition to not less than 100 ft. right-of-way on location approved by the State Highway Engineer.
3961. In Cherokee County the State Highway Engineer is directed to prepare plans and advertise for bids for the grading and drainage structures on State Highway #43, from the east line of the Jacksonville District to the Rusk County line; the expenses on Unit I to be paid by the State, the County to furnish not less than 100 ft. right-of-way, and on the further condition that when the grading is ready for Unit II the County will assist the State in financing the construction.

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3962. In Cherokee County on bids received April 1, 1931, contract for construction of grading and drainage structures from 6 miles south of Jacksonville to Rusk, a distance of 7.182 miles, on State Highway #40, F.A.P. 566-B and S.P. 961-B, is awarded to C. E. Deal, Waller, Texas, for \$56,400.91, which is the lowest and best bid.
3963. In Lamar County on bids received April 1, 1931, contract for work consisting of removal of present bridges and construction of Driggers and Pine Creek Bridges and roadway approaches, a distance of 0.87 miles, on State Highway #39, Maintenance Project M-1-2-4, is awarded to E. R. Leach, Dallas, Texas, for \$13,903.45, which is the lowest and best bid.
3964. In Nueces, Kleberg and Kenedy Counties, in the event arrangements can be made to pay forty percent of cost of constructing a highway from the end of the present pavement at the south Kenedy County line to a connection with Chapman Ranch, in Nueces County, the State Highway Department will contribute sixty percent of such cost; or, in case arrangements cannot be made to complete the highway to Chapman Ranch, then this proposition will apply to a connection from the South Kenedy County line to Rivera, in Kleberg County. A.F.E. 31-178.
3965. In Wood County when location has been made and right-of-way furnished on Highway #37-A, from Quitman to Hopkins County line, the State Highway Engineer is instructed to prepare plans and advertise for bids for construction of Unit I, conditioned on county furnishing One Thousand Dollars (\$1,000.00) per mile in addition to 100 ft. right-of-way on approved location.

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3966. In Bell, Coryell, and Lampasas Counties, the State Highway Engineer is authorized to give a reasonably definite location of Highway #33, from Belton, in Bell County, to Lampasas, in Lampasas County, it being understood that there is no obligation on the part of the State to proceed with construction on the new location until the counties affected are ready to provide their share of construction cost.
3967. In Navarro County the State Highway Engineer is authorized to advertise for bids on that part of State Highway #14, which in his judgment is ready for paving.
3968. In Ellis and Kaufman Counties, the State Highway Engineer is directed to make an estimate of cost of constructing State Highway #34 east of Ennis through Road District #5, in Kaufman County, including cost of bridge over Trinity River on new location, on basis of one-third aid from District #5 of Kaufman County, with the understanding that construction will not be commenced in Ellis County on that part of Highway #34 east of Ennis up to a point where the new location branches off from the present highway.
3969. In Brazos County an additional appropriation of \$15,000.00 is hereby made for the completion of its highways on condition that county will assist in the completion of State Highway #6, in the suburbs of the City of Bryan. A.F.E. 31-179.
3970. In Gaines County the State Highway Engineer is authorized to appoint a Resident Engineer with instructions that he prepare plans first for the construction of the highway from Seminole to Seagraves.

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3971. In Young County if it is determined that County may legally expend its funds for one-third of cost of improving State Highway #120 from New Castle to the Throckmerton County line and one-half of cost of a bridge over Brazos River, then the Department will be agreeable to an arrangement by which the county, by issuing emergency warrants, could expend all of its funds on the construction of the bridge.
3972. In Montague County if it is found that that part of State Highways #50 and #2 through the town of Bowie is eligible for Federal Aid up to point where Wise Street is paved, it is ordered that the State Highway Engineer be authorized to instruct the Maintenance Engineer to pave an 18 ft. strip from the end of present asphalt to the paved street on each end.
3973. In Montague County application for topping State Highway #2, from the City of Bowie north to Red River was referred to the State Highway Engineer for investigation and report, it being understood that Montague County is willing to furnish 100 ft. right-of-way.
3974. In Matagorda County the State Highway Engineer is directed to advertise for bids for construction of Unit I on State Highway #60, from Bay City north and that application of said county for Unit II construction on said highway from Bay City south be taken under advisement by the Commission.

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3975. In Coke County it is hereby ordered that State Highway #70, through said county shall be routed as follows: From Nolan County line south to Bronte; thence west to Robert Lee, thence south to San Angelo to connection with State Highway #30, conditioned that the western half of Coke County will, within a reasonable time, vote its share of cost of improving all of State Highway #70 through their district.
3976. In Bowie County it is ordered by the Commission that Minute #1366-A dated March 19, 1929, be amended to provide that construction on State Highway #11 north of DeKalb will not be authorized until provision is made for a free bridge or free ferry across Red River.
3977. The State Highway Commission will request the American Association of State Highway Officials to extend U. S. Route #377, from Fort Worth, in Tarrant County, to Brady, in McCulloch County, via Stephenville, in Erath County, Comanche in Comanche County and Brownwood, in Brown County.
3978. In Sabine County the Commission hereby accepts tender of aid from said county for the improvement of State Highway #93 from Hemphill to Bronson to a connection with State Highway #8; that is to say Sabine County will contribute to the improvement of said road, grader and tractor work equal to the sum of \$10,000.00, said work to be done under the supervision of the State Highway Department and to its satisfaction, in which event the State Highway Department will then undertake to construct a gravel or rock base and top the road. The State Highway Engineer is hereby authorized to prepare plans and specifications and proceed with this improvement.
3979. In Guadalupe County whereas proposal was made by the State Highway Department to said county for improvement of State Highway #123, from Seguin south to Wilson County line whereby the State was to pay two-thirds of cost of improvement of said road, which at that time was part of the Federal System of Texas but which road has now been dropped from such system; THEREFORE, it is ordered by the Commission that the State Highway Department will abide by its original proposition to pay two-thirds of cost of improving Highway #123, from Seguin to Wilson County line.
3980. In Guadalupe County on bids received April 1, 1931, contract for construction of concrete base with limestone rock asphalt surface course from one-half mile east of Kingsbury to San Marcos River, a distance of 7.306 miles, on State Highway #3-A, F.A.P. 521-B, Unit II, is awarded to Brown & Root, Austin, Texas, for \$139,964.08, which is the lowest and best bid.
3981. In Motley County on bids received March 31, 1931, contract for construction of South Pease and Dutchman River Bridges on State Highway #18, F.A.P. 446-C, is awarded to W. W. Vann, Mercedes, Texas, for \$40,722.01, which is the lowest and best bid.
3982. In Waller County on bids received March 31, 1931, contract for construction of concrete pavement from Hempstead to Harris County line a distance of 9.880 miles, on State Highway #6, F.A.P. 535-C & D, and S.P. 778-C, Unit II, is awarded to Lacy Paving Company, Dallas, Texas, for \$187,406.54, which is the lowest and best bid.
3983. In Kaufman and Dallas Counties on bids received March 31, 1931, contract for construction of concrete pavement from the vicinity of Ferney to a point 6 miles east of Dallas, a distance of 10.606 miles, on State Highway #15, F.A.P. 526-A.B. & C, Unit II, is awarded to Dexter Construction Company, Dallas, Texas, for \$196,140.11, which is the lowest and best bid.

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3984.

In Victoria County on bids received April 1, 1931, contract for construction of concrete pavement from DeWitt County line to Victoria a distance of 14.600 miles, on State Highway #29, F.A.P. 508-A, Unit II, is awarded to Russ Mitchell, Houston, Texas, for \$253,947.13, which is the lowest and best bid.

3985.

In Harris County, Highway #3 by-pass shall be routed as follows: from Wayside Drive along Route CB, the same being a part of what is known as the Northern Route, to a point approximately where Route CB will intersect a projection of the Old Main Street Road, or Old Highway #3, and from that point along the most practical route to intersect with the present Main Street Road approximately 2,000 ft. south of Brays Bayou; said route up to this point to be constructed 20 feet wide, and from its intersection with the present Main Street Road an additional 20 ft. is to be constructed to and through the West Junction Underpass, making the width of the underpass conform to the new width; the estimated cost of this improvement being \$491,541.00; the right-of-way from Wayside Drive to the intersection with the present Main Street Road to be not less than 120 feet, except where a street section might be used. In which event the distance between curbs shall be not less than 80 feet, and the right-of-way a minimum of 100 feet. From where this line crosses Brays Bayou to a point at or near Brock Street, Harris County is requested to secure right-of-way on the east sufficient to reach the lowest point of the ravine in order to provide for protection and beautification of same. This will not be a requirement of construction but is requested. Request is also made that Harris County provide suitable protected triangles at the point where this proposed improvement will intersect or cross the present Main Street.

The State Highway Commission has agreed to put into this project the sum of \$230,000.00 and Harris County, exclusive of right-of-way, \$350,000.00

In order to provide for the construction of an underpass on Highway #19, along the route originally approved, and which lies parallel to the Missouri Pacific Railroad, and which route has been insisted upon by the County Commissioners' Court of Harris County, there is hereby appropriated out of the \$230,000.00 above mentioned, the sum of \$29,000.00 which is to be transferred to construct this underpass in cooperation with the Southern Pacific Railroad. This will leave \$551,000.00 construction money for the improvement which is estimated to cost \$491,541.00. Harris County is also requested to secure the right-of-way on the extension yet to be surveyed and laid out as will continue this project across Main Street to intersection of Highway #73 and Highway #6, providing thereby a by-pass for traffic which will extend from Highway #6 going into Houston from the north and west around the City to connect with State Highway #3 on the east.

The State Highway Engineer is directed to send a copy of this order to the County Judge and the Commissioners' Court of Harris County and advise them that the Highway Commission has given careful consideration to the various proposals for this construction and has determined on this as the best possible solution.

The State Highway Engineer is directed to request of Harris County that they immediately secure the right-of-way for these improvements both on Highway #3 and Highway #19 in order that they may be put under early construction.

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3986.

In Jefferson County the following estimates have been made by the Division Engineer on the various routes:

Highway #3, Beaumont to Amelia,	4.8 miles,	\$140,000.00
" #8, Beaumont to Port Arthur,	14.9 "	514,000.00
" #87, Neches River to Galveston-Chambers		
County line,	52.6 miles,	694,000.00
" #125, Beaumont to Chambers County,	25 miles,	401,000.00
" #87, Neches River Bridge,		650,000.00
	Total	\$2,399,000.00

Jefferson County is authorized by the State Highway Commission to vote bonds for the highways and bridges mentioned above on the basis of the State paying 50% of the cost of construction and the county 50% of the cost of construction on the projects mentioned, and in addition Jefferson County shall furnish right-of-way for these projects to be not less than 100 ft. in width, and also shall furnish right-of-way on Highway #3 from Amelia to the Liberty County line to be not less than 100 ft. all payments for right-of-way to be made by the county exclusive of the construction amounts mentioned above. Jefferson County will also include in their bond issue sufficient funds to pay for the preliminary surveys and plans on all State Projects.

It is to be understood that in planning this program the State Highway Commission will as fast as practicable and as funds are available advance the projects agreed on above. The County is also urged not to make any reference to the location of the highways in the bond issue.

No provision is made in this order for Highway #133, as it is the intention to leave it for future consideration. The Neches River Bridge is not to be constructed until Orange County has furnished 50% of the cost of a highway from Orange to Port Arthur, and with the further understanding the State's participation will not exceed \$325,000.00 in the cost of the bridge. A.F.E. 31-179.

3987.

In Nacogdoches County whereas at the time proposal was made to the Highway Department in behalf of Nacogdoches County for participation of the Highway Department in extending the pavement into the City of Nacogdoches on the State Highways, representation was made to the Department that such participation could be made to the ends of the city pavement on said highways under the rule of the Department; and

WHEREAS since that time it has developed that under the rule of the Department it cannot participate in the improvement of said highways to that extent on account of the closeness of the houses along said highways; now

THEREFORE, it is ordered that the Highway Department agrees to extend its pavement on the State Highways into the City of Nacogdoches, to-wit, a concrete slab 20 ft. in width and that the Highway Department will pay the entire cost of such slab up to a point where, under its rule, it will participate in the improvement of highways within incorporated cities of more than 2500 inhabitants, not to exceed, however, the sum of \$15,000.00, on condition that the City of Nacogdoches will continue said pavement into the city so as to connect with the city pavement on said streets at its own cost and that when the City of Nacogdoches shall have accepted this proposal the State Highway Engineer is authorized to prepare plans and specifications and advertise for bids for such improvement.

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3988. In Brazos County on bids received April 1, 1931, contract for construction of grading and small drainage structures from Bryan to the Brazos River bottom, a distance of 7.533 miles, on State Highway #21, F.A.P. 620-A, is awarded to D. H. Purvis & Sons, Ft. Worth, Texas, for \$69,566.06; and the contract for the large structures is awarded to John F. Buckner, Cleburne, Texas, for \$18,331.90, which are the lowest and best bids.
3989. In Hall County on bids received April 1, 1931, contract for construction of grading and drainage structures from Turkey northeast for a distance of 14.653 miles, on State Highway #18, F.A.P. 602-A, is awarded to E. T. Prater, Memphis, Texas, for \$30,553.53, which is the lowest and best bid.
3990. In Camp and Titus Counties an initial appropriation of \$28,072.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #65, from Mt. Pleasant to Pittsburg, a distance of 11 miles; this appropriation being made for betterment work, Job M-1-K-5, for graveling. This appropriation is made on condition that said county will furnish such right-of-way as may be required to be not less than 100 feet in width, fencing to be done by the county. A.F.E. 31-180.
3991. In Bowie County an initial appropriation of \$8,222.28 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #8, from New Boston north a distance of 4.65 miles; this appropriation being made for betterment work, Job M-1-L-5, for reshouldering and graveling. This appropriation is made without right-of-way requirements. A.F.E. 31-181.
3992. In Bowie County an initial appropriation of \$6,732.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #98, between Boston and Simms; this appropriation being made for betterment work, Job M-1-N-5, for redecking five timber pile trestles and building 72 ft. trestle. This appropriation is made without right-of-way requirements. A.F.E. 31-182.
3993. In Hopkins and Delta Counties, with reference to the designation of State Highway #37-A north of Sulphur Springs, it is ordered by the Commission that plans be made on what is known as the eastern route, shown on the map as Route II, this being practically a direct route between Sulphur Springs and the angle of Highway #39 east of Cooper, but after crossing Sulphur River the route shall be located on the most practical route into Cooper. The State Highway Engineer is authorized to proceed with the preparation of plans and award of contract in Hopkins County, and to make a survey into the town of Cooper from the Sulphur River Crossing on the most practical route. After which the matter of constructing the highway from the Sulphur River into Cooper will be taken up with Delta County and the method of financing worked out.
3994. In Fannin County an initial appropriation of \$3,860.12 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #5, from Grayson-Fannin County line east a distance of 0.322 miles; this appropriation being made for betterment work, Job M-1-M-5, for grading and graveling a connection between end of newly located Highway #5, in Grayson County and the present road in Fannin County. This appropriation is made on condition that said county will furnish such right-of-way as may be required to be not less than 100 feet in width, fencing to be done by the county. A.F.E. 31-183.

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3995. It is ordered by the Commission that Minute #2794 passed April 24th, 1930, which authorized an expenditure in the amount of \$31,896.62 to re-shoulder and surface treat Highway #39 in Wise County from a point four miles south of Chico to the Jack County line be rescinded and the following minute substituted therefor:
- In Wise County an initial appropriation of \$29,490.73 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #39, from the end of the asphalt surface north of Bridgeport through Chico to the Jack County line, a distance of 11.6 miles; this appropriation being made for betterment work, Job M-2-N-3, for widening shoulders and ditches and revising grade line with a view to later widening the base on this section of road and double bituminous surface treating it. This appropriation is made on condition that said county will furnish such right-of-way as may be required, to be not less than 100 feet in width, fencing to be done by the county. A.F.E. 31-184.
3996. In Tarrant County an increase appropriation of \$65,810.39 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #1, S.P. 898, extending from Death Crossing to the Dallas County line, a distance of 4.280 miles, for the construction of a 2" bituminous concrete surfacing and a bituminous concrete leveling course where required, or comparable alternate types, on the present 21 ft. concrete pavement. This appropriation is in addition to funds previously allotted to Tarrant County and is made with the understanding that County Funds and State and Federal Funds previously allotted are to be used to construct the remainder of the proposed 36 foot pavement, and to provide proper transition connections to the existing pavement in the City of Arlington. A.F.E. 31-185.
3997. In Tarrant County an appropriation of \$15,000.00 is hereby made to pay not to exceed one-half of the cost of constructing a retaining wall on State Highway #34 about two miles northwest of Fort Worth at a point where the slide is said to endanger the adjoining property and is calculated to occasion extra maintenance expense. The State Highway Engineer is directed to have plans prepared for this construction and to take the matter up with Tarrant County in order that balance of cost may be obtained and put in escrow for this work. This action is not to be taken as admitting that the Department is in any respect responsible for any claim for damages to adjoining property. A.F.E. 31-186.
3998. In Parker County an initial appropriation of \$4,587.04 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on certain section of State Highway #34, between Tarrant County line and Wise County line, a net distance of 2.77 miles; this appropriation being made for betterment work, Job M-2-O-3, for graveling and claying sandy sections. This appropriation is made without right-of-way requirements. A.F.E. 31-187.
3999. In Knox County an initial appropriation of \$965.15 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #24, from Benjamin west to King County line, a distance of 11.583 miles; this appropriation being made for General Maintenance Budget for roadway maintenance for fiscal year ending August 31, 1931, and the State Highway Engineer is instructed to take this section of road over for maintenance inasmuch as all conditions imposed in this designation have been complied with. A.F.E. 31-188.



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4000.

In Archer County the following order of the Commissioners' Court has been received:

"March 23, 1931

Archer County came to be considered the proposed construction of State Highway #25 from Archer City to the Wichita County line; reference being made to an order of the Highway Commission of September 15, 1930, which reads as follows:-

"Archer County is to proceed with construction of Unit I on location provided in bond issue west of Archer City. Of this about 3 miles is on approved location which then turns northwest to intersect State Highway #30 and to the Wichita County line. The three miles west of Archer City is to be constructed by the County on State highway standards, and not less than 100 ft. right-of-way provided. The State will then undertake, when funds are available, to construct Unit I from that point to intersection with Highway #30 and to the Wichita County line. Archer County to reserve further funds not to be less than 50% of cost of construction north of Highway #30, which will be a 50% State and County project."

The Commissioners' Court accepts the provisions of this order and will proceed when called upon by the State to carry out its share of same. The County will secure the necessary right-of-way on the portion of said highway to be constructed by the State, as well as the right-of-way on the County's portion and the joint portion; it being understood that this order provides only for the grading and drainage structures from Archer City to the Wichita County line, and after that has been completed, the County and State will then jointly take such steps as necessary to complete the necessary surfacing.

THE STATE OF TEXAS I

COUNTY OF ARCHER I

I, Joe E. Shelton, Clerk County Court, Archer County Texas, do hereby certify that the above and foregoing is a true and correct copy of Agreement of Highway Commission of State Highways with Archer County on Highway #25, as same appears of record in Volume G, page 454, Commissioners' Court Minutes, Archer County, Texas.

Given under my hand and seal of office this 31st day of March 1931,

(Seal)

Joe E. Shelton  
Clerk County Court,  
Archer County, Texas."

The State Highway Engineer is instructed to proceed with the preparation of the plans and award of contract on Unit I on both the sections which the State is to build and the section which is to be a joint State and County Project.

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4001.

It is ordered by the Commission that payment of \$4,458.45 be made to Womack-Henning Construction Company in full settlement of their claim for additional compensation on their contract for construction of concrete pavement on F.A.P. 529-C, Unit II, Highway #28, in Cottle County, to cover the following items:

1. Refund of liquidated damages, 32.5 days @ \$35.00 on account of failure of the City of Paducah to furnish water as agreed, this causing contractor to develop local supply, and unexpected difficulty encountered in obtaining concrete aggregates.....\$1,137.50
2. 200 Stations extra work on subgrade, above that shown on plans @ \$2.50 per station..... 500.00
3. 1100 cu. yds sand @ \$2.23 per cu. yd. plus 15% which was tested and accepted by the Resident Engineer and State Testing Laboratory, hauled to the stock pile and later declared unsuitable for concrete aggregate after having been tested by the Laboratory of the Federal Bureau of Public Roads and rejected on account of failure to pass the elutriation test, 2,820.95

\$4,458.45

A.F.E. 31-189.

4002.

The appointment of W. J. Van London as Construction Resident Engineer in the Territory comprising Division #4, with headquarters at Amarillo, with a salary of \$500.00 per month and a car allowance of \$125.00 is hereby confirmed. His expenses to be distributed on each payroll over the various projects, planned and under construction in Division #4, and the proper portion charged back to the various counties.

The recommendation of the State Highway Engineer that an engineer be appointed to make a study of soil and local materials and to report on same, this work to be done under the direction of the Engineer of Plans and Specifications, at a salary of \$300.00 per month and a car allowance of \$75.00 is hereby approved. A.F.E. 31-190.

4003.

It is ordered by the Commission that Minute #3944 dated March 9, 1931 be cancelled for the reason that this minute duplicates the \$7,000.00 appropriation made in Lubbock County on Highway #9, under Minute #3756 on February 16, 1931.

4004.

In Hall County an initial appropriation of \$31,278.03 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #18, F.A.P. 602-A, extending from Turkey northeast to Road District #3 line, a distance of 14.653 miles, for the construction of grading and drainage structures on condition that said county will furnish \$15,639.01 for such improvement, and such right-of-way as may be required, fencing to be done by the county; and with the further understanding that should the cost of improvement exceed the foregoing estimate Hall County shall furnish its proportionate share of the additional cost which is one-third. A.F.E. 31-191.

4005.

In Hall County an initial appropriation of \$834.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #18, from Turkey to Motley County line, a distance of 5.56 miles; this appropriation being made for General Maintenance Budget for roadway maintenance for fiscal year ending August 31, 1931 and the State Highway Engineer is instructed to take this section of road over for maintenance inasmuch as all conditions imposed in this designation have been complied with. A.F.E. 31-192.

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4006. In Motley County an initial appropriation of \$49,056.97 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #18, F.A.P. 446-B, and S.P. 585-B, extending from the Dickens County line to Matador, a distance of 12.785 miles, for the construction of grading and drainage structures on condition that said county will furnish \$24,528.49 for such improvement, and such right-of-way as may be required, fencing to be done by the county; and with the further understanding that should the cost of improvement exceed the foregoing estimate Motley County shall furnish its proportionate share of the additional cost which is 33-1/3%. That part of the minute passed by the Commission on May 23, 1927, applying to this project is hereby cancelled. A.F.E. 31-193.
4007. In Motley County an initial appropriation of \$38,100.05 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #18, F.A.P. 440-C, for the construction of South Pease and Dutchman River Bridges, length 0.197 miles, on condition that said county will furnish \$19,050.03 for such improvement; and such right-of-way as may be required, fencing to be done by the county; and with the further understanding that should the cost of improvement exceed the foregoing estimate Motley County shall furnish its proportionate share of the additional cost. A.F.E. 31-194.
4008. In Reeves County an initial appropriation of \$48,140.75 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #1, near Toyah; this appropriation being made for betterment work, Job M-6-L-3 for flood prevention work. A.F.E. 31-195.
4009. In Reeves County an initial appropriation of \$13,636.94 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #1, between Pecos and the Jeff Davis County line, a total distance of 26.1 miles; this appropriation being made for betterment work, Job M-6-K-3, for eliminating 24 dips and replacing them with corrugated metal culverts. This appropriation is made without right-of-way requirements. A.F.E. 31-196
4010. In Reeves County an initial appropriation of \$8,663.36 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #27, between Pecos-Reeves County line and a point 15.0 miles east of Pecos-Reeves County line; this appropriation being made for betterment work, Job M-6-H-3, for eliminating 14 dips and replacing them with corrugated metal culverts. This appropriation is made without right-of-way requirements. A.F.E. 31-197.
4011. In Culberson County an increase appropriation of \$3,000.00 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #1, F.A.P. 558-C, from Hudspeth County line east five miles, for the construction of grading and small drainage structures. To pay over-runs on final estimate. A.F.E. 31-198.

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4012. In Ector County an initial appropriation of \$54,967.45 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #137 S.P. 936-B, extending from a point 7.67 miles north of Odessa to the Andrews County line, a distance of 9.375 miles, for the construction of a triple bituminous surface course on a caliche base, on condition that said county will furnish \$54,967.45 for such improvement; and with the further understanding that should the cost of improvement exceed the foregoing estimate Ector County shall furnish its proportionate share of the additional cost which is 50%. A.F.E. 31-199.
4013. In Jeff Davis County an initial appropriation of \$5,137.97 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #1, between Jeff Davis-Reeves County line and Jeff Davis-Culberson County line, a total distance of 7.20 miles; this appropriation being made for betterment work, Job M-6-I-3, for eliminating six dips and replacing them with corrugated metal culverts. This appropriation is made without right-of-way requirements. A.F.E. 31-200.
4014. In Hudspeth County an increase appropriation of \$7,500.00 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #1, F.A.P. 558-B, from Carrizo Divida to Culberson County line, a distance of 3.835 miles, for the construction of grading and small drainage structures. To pay overruns on final estimate. A.F.E. 31-201.
4015. In Brewster County an initial appropriation of \$41,592.73 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #3, across Brewster County, a total distance of 54 miles; this appropriation being made for betterment work, Job M-6-J-3, for eliminating 62 dips and replacing them with corrugated metal culverts. This appropriation is made without right-of-way requirements. A.F.E. 31-202.
4016. In Concho County an initial appropriation of \$38,961.65 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #9, F.A.P. 626-B, for the construction of Kickapoo and Frog Pond Creek Bridges and roadway approaches, length 0.723 miles, on condition that said county will furnish such right-of-way as may be required to be not less than 100 ft. in width, fencing to be done by the county. A.F.E. 31-203
4017. In Runnels County an increase appropriation of \$2,066.82 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #4, F.A.P. 590-A extending from Ballinger to the Concho County line, a distance of 10.957 miles, for the construction of a triple bituminous surface treatment on a caliche base on condition that said county will furnish \$1,033.41 for such improvement; and with the further understanding that should the cost of improvement exceed the foregoing estimate Runnels County shall furnish its proportionate share of the additional cost, which is one-third. This appropriation is necessary in order to provide funds for the difference in the appropriation made in Minute #3784, dated Feb. 27th, 1931, and the project agreement estimate. A.F.E. 31-204.

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4018. In Haskell County an initial appropriation of \$212,940.20 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #30, F.A.P. 603-A, extending from the Jones County line to Haskell, a distance of 14.213 miles, for the construction of concrete pavement on condition that said county will furnish \$106,470.10 for such improvement; and with the further understanding that should the cost of improvement exceed the foregoing estimate Haskell County shall furnish its proportionate share of the additional cost, which is one-third. A.F.E. 31-205.
4019. In Haskell County an initial appropriation of \$22,565.37 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #51, S.P. 959-C extending from the Knox County line to Rule, a distance of 15.395 miles, for the construction of grading and drainage structures on condition that said county will furnish \$22,565.37 for such improvement, and such right-of-way as may be required, fencing to be done by the County; and with the further understanding that should the cost of improvement exceed the foregoing estimate Haskell County shall furnish its proportionate share of the additional cost, which is 50%.
- This appropriation is made with the understanding that when the contract for Unit II is awarded, the State Highway Department is to credit Haskell County with the funds expended on Unit I in excess of the County's one-third share, in order that Haskell County's portion on both Units I and II shall be only one-third. A.F.E. 31-206.
4020. Error in numbering -- Number 4020 Omitted.
4021. In Somervell and Bosque Counties, reference is made to Minute 565 regarding highway 144 from Glen Rose to Walnut Springs, the Commission having been advised that the two counties are without funds for construction an appropriation of \$30,000.00 is made to apply on the grading and drainage structures between Glen Rose and Walnut Springs, a distance of 12 miles; this expenditure to be made only on condition that the Commissioners' Courts of the two respective counties secure not less than 100 ft. right-of-way on location approved by the State Highway Engineer, and in addition, agree by appropriate order to furnish the funds that may be required for surfacing this road in either county, provided, however, that each county's contribution shall not exceed 50% of the final cost of construction.

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4022. It is ordered by the Commission that \$4,303.35 State Funds be appropriated to pay one-fourth of the cost of the underpass for Highway #43 in the City of Jacksonville in Cherokee County. This appropriation is made on condition that the county will pay a like amount and the Southern Pacific Railroad Company will pay \$8,606.70. A.F.E. 31-207.
4023. In Cherokee County it is ordered by the Commission that an allotment of funds in the amount of \$5,020.00 be made for preliminary engineering on 9.267 miles of Highway #43, F.A.P. 555-D, between east line of Road District #1 and Rusk County line. The maximum funds allowable on form 254 is not sufficient to cover the preliminary engineering and this appropriation is made in order that the P.S. & E may be revised and completed. A.F.E. 31-208.
4024. In Cherokee County an initial appropriation of \$46,140.55 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #40, F.A.P. 566-B and S.P. 961-B, extending from a point 5.5 miles south of Jacksonville to Rusk, a distance of 7.182 miles for the construction of grading and drainage structures on condition that said county will furnish \$23,070.28 for such improvement, and such right-of-way as may be required, fencing to be done by the county; and with the further understanding that should the cost of improvement exceed the foregoing estimate Cherokee County shall furnish its proportionate share of the additional cost, which is 33-1/3%. A.F.E. 31-209.
4025. In Cherokee County an initial appropriation of \$16,538.63 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #37, from 2 miles south of the Smith-Cherokee County line to Jacksonville a distance of 10.25 miles; this appropriation being made for betterment work, Job M-10-C-5 for 8" additional iron ore gravel and 3/10 gallon road oil treatment. This appropriation is made without right-of-way requirements. A.F.E. 31-210.
4026. In Gregg County an initial appropriation of \$2,511.05 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #26, between Longview and Kilgore; this appropriation being made for betterment work, Job M-10-N-5, for emergency repairs to the Sabine River Bridge. This appropriation is made without right-of-way requirements. A.F.E. 31-211.
4027. In Henderson County said county having lost through failure of a bank certain county funds including approximately \$79,000.00 in escrow for State Projects, being lost or partially lost, depending on final settlement, the following procedure will govern in Henderson County:  
The County is to put in escrow, to be held in trust, the remaining county bonds amounting to \$400,000.00, such bonds not to be sold or disposed of without the approval of the State Highway Commission, and no payments for right-of-way or any other purpose, are to be made out of this fund without such a release from the State Highway Commission.  
When this has been done the State Highway Engineer is authorized to proceed with the completion of the State Highways in the program now being carried out with Henderson County, paying for such construction out of the State Highway Funds, on appropriations made by this Commission, and the sale of Henderson County bonds to be consummated as fast as suitable prices for same may be secured and approved jointly by the Commissioners' Court of Henderson County and the State Highway Commission. No payments whatever are to be made from proceeds of the sale of the bonds except on approval of the Highway Commission. A.F.E. 31-

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4028. It is ordered by the Commission that all bids received for the construction of a double bituminous surface treatment on Highway #15, from Hallsville west to the Gregg County line in Harrison County, Job M-10-F-5, be rejected and that the Construction Department be instructed to prepare plans and advertise for bids for a triple bituminous surface treatment on this section of road.
4029. It is ordered by the Commission that an appropriation of \$50,000.00 of State and Federal Aid Funds be made to cover the cost of construction of a new bridge of reinforced concrete pile design of an approximate length of 640 ft. across Neches River <sup>on Hwy 267</sup> on the site of the present bridge, with necessary work on the approaches, roadway width to be 22 ft; the appropriation to be made on the condition that Counties of Smith and Van Zandt furnish any additional right-of-way which may be necessary and provide fencing for same. A.F.E. 31-212.
4030. It is ordered by the Commission that the State Highway Engineer be authorized to negotiate with the Missouri Pacific Railway Company for the construction of an underpass for Highway #19, near Red Branch in Houston County, F.A.P. 485-E & F, and to sign a contract for the construction of this underpass when negotiations have been completed.
4031. In Jasper County the State Highway Engineer is authorized to proceed with the asphalt topping on the joint routes of Highway #45 and #63 beginning at their junction about five miles west of Jasper and extending east of Jasper to the New junction of said routes, except, of course, the distance covered by the concrete pavement provided for in another order, the understanding being that Jasper County will furnish as its share of this improvement \$2,000.00 per mile.
4032. In Jasper County on Highway #45 beginning at its junction with Highway #63 west of Jasper and extending to Townbluff on the Neches River the State Highway Engineer is authorized, with maintenance forces, to spend \$2,000.00 per mile in grading and draining and improving this section of road on condition that Jasper County furnish the right-of-way and provide \$2,000.00 per mile. A.F.E. 31-213.
4033. In Jasper County reference is made to orders regarding participation of the Department in the pavement through the City of Jasper. Inasmuch as this agreement was made prior to announcement of the 1930 census, the Commission is willing to participate on a concrete pavement with the City of Jasper as follows:
- On Highways #45 and #63 from the west line of the High School property through Jasper to the Bridge over Sandy Creek, a distance of 9/10 of a mile;
- On Highway #8 from a block south of the Court House Square, which is now the end of the asphalt pavement, north along Highway #8, a distance of 1.1 miles.
- On the contract already let at Jasper for paving several blocks around the Court House Square, the Commission is willing, on the two highways, to pay 2/3 of the cost of a 20 ft. pavement, based on the price of \$2.00 per square yards, provided the curb width shall in no case be less than 40 ft. and provided parallel parking is enforced, and that an agreement to that effect be drawn up by the Commissioners' Court and joined in by the City Officials of Jasper and the State Highway Commission. The same restrictions regarding width of curb shall apply to other streets mentioned in this order. We will not require more than 20 ft. pavement at this time, but the curb line must be set back 40 ft. or more. This order is contingent also on Highway #45 and #63 being routed east of Jasper over the same route beyond the present underpass of the Santa Fe Railroad. A.F.E. 31-214.

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4034. In San Augustine County an initial appropriation of \$49,887.45 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #8, from Shelby County line to San Augustine, a distance of 6.75 miles; this appropriation being made for betterment work, Job M-11-Y-3, for widening shoulders and ditches and regravelling preparatory to surface treating. This appropriation is made on condition that said county will furnish such right-of-way as may be required to be not less than 80 feet in width, fencing to be done by the county and in addition furnish all gravel pits. This order cancels and is in lieu of Minute #3870 passed by the Commission in session March 2nd, 1931, whereby San Augustine County was required to furnish 100 ft. of right-of-way and gravel pits. Right-of-way modification due to fact that county in 1928 secured 80 feet. A.F.E. 31-215.
4035. In Shelby County an initial appropriation of \$48,837.51 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #35, from Timpson to Nacogdoches County line, a distance of 6.56 miles; this appropriation being made for betterment work, Job M-11-Z-3, for widening shoulders and ditches, regravelling and double bituminous surface treatment. This appropriation is made on condition that said county will furnish such right-of-way as may be required to be not less than 100 feet in width, fencing to be done by the county and gravel pits furnished by county. A.F.E. 31-216.
4036. In Trinity County an increase appropriation of \$2,000.00 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #106, F.A.P. 697-A-II from Groveton to Houston County line, a distance of 9.773 miles, for additional binder to be used in the crusher run base course in order to properly bind the material. The county has no funds with which to pay part of this cost. A.F.E. 31-217.
4037. In Waller County an increase appropriation of \$22,187.97 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #20, from Brazos River Bridge east a distance of 2.145 miles; this appropriation being made for betterment work, Job M-12-A-4, for gravel surface on newly constructed fill. This appropriation is made without right-of-way requirements. A.F.E. 31-218.
4038. In Waller County an initial appropriation of \$63,288.16 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #6, F.A.P. 535-C, and S.P. 778-C, extending from Hempstead to the east line of Road District #1, a distance of 3.724 miles, for the construction of concrete pavement on condition that said county will furnish \$31,644.08 for such improvement; and with the further understanding that should the cost of improvement exceed the foregoing estimate Waller County shall furnish its proportionate share of the additional cost which is one-third. A.F.E. 31-219.
4039. In Waller County an initial appropriation of \$145,756.97 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #6, F.A.P. 535-D, extending from the east line of Road District #1 to the Harris County line, a distance of 6.117 miles, for the construction of concrete pavement, with the understanding that when funds are available Waller County shall reimburse the Highway Department to the extent of one-third of the actual cost of construction of Units I and II. A.F.E. 31-220.



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4040. In Orange County the State Highway Engineer is directed to request that said county secure right-of-way to be not less than 100 feet in width on State Highway #3, between the Jefferson County line and Orange. He is authorized to say to Orange County that should the county secure this right-of-way and move all obstructions and reset the fences, the State Highway Commission will appropriate funds to widen the shoulders to the present standard. The title to the right-of-way furnished by the county is to include the preservation of such timber as may be on the property as the Commission desires to preserve all of this possible.
4041. In La Salle County with regard to the resolutions of the County Commissioners' Court of said county and recorded in Volume 7, Pages #391 and #392 of Commissioners' Court's Minutes; in as much as the Legislature has directed that the State Highway Commission shall preserve, mark and maintain the Old San Antonio Road as established by the survey of Mr. Zivley, and which highway passes near the northeast corner of La Salle County, thence along said survey to Cotulla, the Highway Commission is willing to accept the location closely following the Zivley Survey, only such changes to be made as will improve the alignment in the immediate vicinity, or get the road on better ground, this location crossing the Southern Pacific Railroad about three-fourths of the distance between Fowlerston and Los Angeles, this project to extend from the northeast corner of La Salle County to the town of Cotulla, where it will intersect State Highway #2, La Salle County to furnish the right-of-way and construction funds for this work, and in addition La Salle County will construct a hard surface road from Artesia Wells to the Dimmit County line; this, however, not being a part of the Old San Antonio Road, nor is it on the State Highway System. The Commission is willing, for the purpose of getting better bids, to include this in the contract and charged against the \$600,000.00 available in La Salle County, with the understanding that only that portion from Cotulla to the northeast corner of La Salle County shall be continued and maintained as a State Highway. Should the Commissioners' Court of La Salle and Dimmit Counties so desire, the engineers of the State Highway Department will be instructed to make the entire location from Artesia Wells to Catarina, with the understanding, of course, that all expenses of such survey, as well as construction costs, are to be paid by the respective Counties.
4042. In Guadalupe County an increase appropriation of \$7,181.86 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #3-A, F.A.P. 521-A, extending from the east city limits of Seguin to a point  $1\frac{1}{2}$  miles east of Kingsbury, a distance of 9.554 miles, for the construction of a concrete base with rock asphalt top. This appropriation is necessary in order to provide funds for the difference between the appropriation made in Minute #3802, and the project agreement estimate, and is subject to the same conditions as set forth in Minute #3802. A.F.E. 31-221.
4043. In Guadalupe County an initial appropriation of \$151,119.82 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway ~~Engineer through the Construction Division on State Highway~~ #3-A, F.A.P. 521-B, extending from a point  $1\frac{1}{2}$  miles <sup>east</sup> of Kingsbury to the San Marcos River a distance of 7.305 miles, for the construction of a concrete base with an asphalt top on condition that said county will furnish \$20,000.00 for such improvement, and be credited with such county funds expended in excess of the County's pro-rata share on Unit I construction (approximately \$20,404.36, Unit I not finalized) and with the further understanding that when funds are available Guadalupe County shall reimburse the State Highway Department in such amount as necessary to provide one-third the cost of constructing units I and II. This minute is supplementary to Minutes #2183 and #3522. A.F.E. 31-222.

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4044. In Victoria County an initial appropriation of \$244,342.72 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #29, F.A.P. 508-A, extending from the DeWitt County line to Victoria, a distance of 14.600 miles, for the construction ~~of concrete pavement~~ of concrete pavement on condition that said county will furnish \$86,487.63 for such improvement, and with the further understanding that should the cost of improvement exceed the foregoing estimate Victoria County shall furnish its proportionate share of the additional cost which is one-third of the actual cost of Units I and II. This minute is in accord with the conditions of Minute #3313. A.F.E. 31-223.
4045. In Victoria County an initial appropriation of \$300,375.28 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #29, F.A.P. 508-B & C, extending from Victoria to the Calhoun County line, a distance of 16.626 miles, for the construction of concrete pavement, on condition that said county will furnish \$66,025.79 for such improvement, and with the further understanding that should the cost of improvement exceed the foregoing estimate Victoria County shall furnish its proportionate share of the additional cost which is one-third of the cost of Units I and II, as provided in Minutes #1807 and #3015. A.F.E. 31-224.
4046. In Jackson County the attention of the Commission having been directed to the proposal to vote a County Wide Bond Issue, the following will be considered the attitude of the State Highway Commission regarding these projects:
- State Highway #111 will be routed from Edna on the most practical route to pass approximately half way between the settlements of Lolita and La Ward, thence on the most direct route to a connection with Highway #57, it being apparent that both the communities of Lolita and La Ward are farming communities, and the farmers and business men can best be served by routing the road between the two communities. Jackson County is to provide, in accordance with Minute #1748, the sum of \$145,000.00 to apply on State Highway #12 to make their full one-third before any other project can be initiated in that county.
- This action will cancel Highway #111 from Lolita to Francitas. A previous condition has been placed on the construction of State Highway #111 north of Edna. With the cancellation of the highway from Lolita to Francitas and the new route herein decided upon this condition is removed and the work north of Edna will proceed as funds may be available for it.
- With the voting of the Jackson County Bond Issue it should be understood that the Commission does not obligate itself any further than to join with Jackson County in carrying forward these projects with as much dispatch as finances and facilities of the Department may permit.
4047. It is ordered by the Commission that Minute #3803, dated February 27, 1931, be amended to read as follows:
- In Wilson County an initial appropriation of \$162,909.40 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #16, F.A.P. 434-B and S.P. 593-F extending from 2.6 miles south of Floresville to the Karnes County line, a distance of 9.43 miles, for the construction of rock asphalt surface course on crushed rock base, on condition that said county will furnish all of its funds in escrow for such improvement, the amount of county funds now being \$17,281.20. A.F.E. 31-225.

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4048. It is ordered by the Commission that Minute #3799 dated February 27th, 1931 be amended to read as follows:  
In Karnes County an initial appropriation of \$94,916.18 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #16, F.A.P. 434-C and E, extending from the Wilson County line to the end of F.A.P. 434-D, a distance of 6.039 miles, for the construction of rock asphalt surface on a crushed stone base, on the condition that said county will furnish all the funds it has in escrow for such improvement, the amount of county funds now being \$3,950.90. A.F.E. 31-226.
4049. In Travis County an increase appropriation of \$2,144.12 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on Lou Kemp Highway #165, at State Cemetery in Austin, a distance of 0.90 miles; this appropriation being made for betterment work, Job M-14-Z-3, for double bituminous surface treatment. This appropriation is made without right-of-way requirements, which brings the total appropriation for Maintenance Job M-14-Z-3 authorized in this county for the fiscal years to \$9,144.12. A.F.E. 31-227.
4050. In Travis County an initial appropriation of \$6,818.02 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #2, between Austin and Hays County line, a net distance of 2 miles; this appropriation being made for betterment work, Job M-14-I-4, for scarifying, graveling and double bituminous surface treatment on several very rough sections of road. This appropriation is made without right-of-way requirements. A.F.E. 31-228.
4051. In Travis County an initial appropriation of \$1,614.80 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #2, between Austin and Hays County line; this appropriation being made for betterment work, Job M-14-H-4 for replacing three concrete dips with timber bridges. This appropriation is made without right-of-way requirements. A.F.E. 31-229.
4052. In Bastrop County an increase appropriation of \$16,154.11 State Funds is hereby made to be expended under the State Highway Engineer through the Maintenance Division on State Highway #71, from Smithville to the Fayette County line, a distance of 3.5 miles; this appropriation being made for betterment work, Job M-14-M-2 for 10" gravel base 20' wide and double bituminous surface treatment which brings the total appropriation for Maintenance Job M-14-M-2 authorized in this county for the fiscal year to \$26,426.11. A.F.E. 31-230.
4053. In Burnet County an increase appropriation of \$9,985.78 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #74, over Mesquite Creek, a distance of 0.530 miles; this appropriation being made for betterment work, Job M-14-U-2, for construction of concrete slab bridge, and approaches, which brings the total appropriation for Maintenance Job M-14-U-2 authorized in this county for the fiscal year to \$16,985.78. This appropriation is made on condition that said county will furnish such right-of-way as may be required to be not less than 80 feet in width, fencing to be done by the county. A.F.E. 31-231.

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4054. It is ordered by the Commission that Minute #3365 as passed October 20, 1930, providing for the expenditure of \$15,000.00 State Funds for the improvement of Highway #108, from the end of Road Brecinct #4, to Delaware Creek, on condition that Burnet County will furnish a like sum for such improvement and with the understanding that when such road has an outlet into City of Burnet the road will be taken over for maintenance by the Department as far as it is constructed, be rescinded and the following minute substituted:
- In Burnet County an initial appropriation of \$15,000.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #108 from the end of S.P. 809-B at Sudduth Switch to a connection with Highway #29, in City of Burnet; this appropriation being made for betterment work, Job M-14-J-4, for opening up this section of road on proper location, constructing creosoted timber structures and do all grading that can be done with the money available, provided Burnet County will furnish \$15,000.00 as their part of the cost of this work and such right-of-way as may be required to be not less than 100 ft. in width, fencing to be done by the County. A.F.E. 31-232.
4055. It is ordered by the Commission that Payment of \$3,394.50 be made to C. T. Ingram in full settlement of his claim for additional compensation on S.P. 886-A, Live Oak County, as recommended by the Resident Engineer and the Committee on Claims and approved by the State Highway Engineer. A.F.E. 31-233.
4056. In Aransas County an initial appropriation of \$562.50 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #57, for roadway maintenance for balance of fiscal year ending August 31, 1931, on the Causeway and approaches to the Causeway over Copano Bay, and the State Highway Engineer is instructed to take this section of road over for maintenance inasmuch as all conditions imposed in this designation have been complied with. A.F.E. 31-234.
4057. In San Patricio County it is ordered by the Commission that an allotment of funds in the amount of \$1,550.00 be made for preliminary engineering on Highway #128, S.P. 791-C. The maximum funds allowable on Form #254 is not sufficient to cover the preliminary engineering and this appropriation is made in order that the P.S. & E. may be completed. A.F.E. 31-235.
4058. It is ordered by the Commission that the State Highway Engineer be authorized to negotiate with the Missouri Pacific Railway Company for the construction of an overpass for Highway #128, near Inari, in Refugio County, S.P. 840-D, and to sign a contract for the construction of this overpass when negotiations have been completed.
4059. In Refugio County it is recommended that an appropriation of \$3,761.17 from State Funds be allotted to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #113, S.P. 861-C, for the construction of an overpass over the St. L.B. & M. Railroad, on the condition that the county will furnish \$12,000.00 for its proportion of such improvement and such right-of-way as may be required; fencing to be done by the county, and with the further understanding that should the cost of improvement exceed the foregoing estimate, Refugio County shall furnish its proportionate share of the additional cost; also on the further condition that the St.L. B. & M. Railroad Company furnish the sum of \$10,500.00 as provided in an agreement which has already been executed by said Railroad Company with the State Highway Department. A.F.E. 31-236.

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4060. In Leon County, on State Highway #43, S.P. 453-J, which includes bridges over Keechi and Buffalo Creeks, bids having been received for this construction, the Highway Commission has considered a protest filed by W. S. Hale, who owns a farm in the Keechi Creek bottom, and inasmuch as said Hale has been before the Legislature with an application for permission to sue the State of Texas for a sum aggregating approximately \$65,000.00, and is now contending that the proposed bridges will not be sufficient to carry the drainage, and threatens other suits, it is the opinion of the Commission that bids should be rejected until such time as the proposed law suits have been finally settled and until the matter can be finally adjusted with said W. S. Hale, on a new location made that will avoid the objections.
4061. In Washington County an initial appropriation of \$64,075.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #20, across Washington County, a distance of 27 miles; this appropriation being made for betterment work, Job M-17-M-3, for clearing and grubbing recently widened right-of-way, lengthening small structures and widening shoulders and ditches. This appropriation is made on condition that said county will furnish such right-of-way as may be required to be not less than 100 feet in width, fencing to be done by the county. A.F.E. 31-237.
4062. It is ordered by the Commission that the State Highway Engineer be authorized and directed to enter into negotiations with the Missouri Pacific Railway Company for the construction of an underpass for Highway #21, approximately three miles west of Bryan in Brazos County, and when negotiations have been completed, to execute a contract with the Railway Company for the construction thereof.
4063. In Brazos County an initial appropriation of \$81,417.70 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #21, F.A.P. 620-A, extending from Bryan to the Brazos River bottom, a distance of 7.533 miles, for the construction of grading and drainage structures on condition that said county will furnish \$40,708.85 for such improvement, and such right-of-way as may be required, fencing to be done by the county; and with the further understanding that should the cost of improvement exceed the foregoing estimate Brazos County shall furnish its proportionate share of the additional cost, which is one-third. A.F.E. 31-238.
4064. In Grimes County an initial appropriation of \$10,032.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #90, from Roan's Prairie to Madison County line, a distance of 19 miles; this appropriation being made for betterment work, Job M-17-N-3, for a light oil treatment. This appropriation is made without right-of-way requirements. A.F.E. 31-239.
4065. In Austin County an initial appropriation of \$8,365.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #159, between Nelsonville and the Fayette County line, a net distance of 3.7 miles; this appropriation being made for betterment work, Job M-17-O-3, for graveling and sand-claying several sections which become impassable. This appropriation is made without right-of-way requirements. A.F.E. 31-240.

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4066. In Robertson County an initial appropriation of \$8,448.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #6, from  $1\frac{1}{2}$  miles south of Calvert to Hammond, a distance of 12 miles; this appropriation being made for betterment work, Job M-17-P-3 for asphaltic seal coat. This appropriation is made on condition that said county will furnish such right-of-way as may be required to be not less than 100 feet in width, fencing to be done by the county. A.F.E. 31-241.
4067. In Ellis County an initial appropriation of \$51,209.71 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #14, F.A.P. 507-B, from Brushy Creek to Dallas County line for the construction over Brushy Creek, Trumbull Branch and Bear Creek, on condition that Ellis County will furnish \$25,064.85 and such right-of-way as may be required to be not less than 100 ft. in width, fencing to be done by the County, and with the further understanding that should the cost of improvement exceed the foregoing estimate, Ellis County will furnish the proportionate share of the additional cost which is  $33\frac{1}{3}\%$ . This minute is supplementary to Minute #248 dated January 16, 1928, and voids only that portion of that Minute that requires an 80 foot right-of-way width. A.F.E. 31-242.
4068. In Kaufman County an increase appropriation of \$600.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #40, S.P. 167-Z Reop., from Henderson County line to west Mabank, a distance of 1.941 miles, for the construction of grading and small drainage structures. To pay overruns on final estimate. A.F.E. 31-243.
4069. In Kaufman County an initial appropriation of \$4,005.53 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #34, between Terrell and Kaufman County line; this appropriation being made for betterment work, Job M-18-L-2, for building a creosoted timber pile trestle across Kings' Creek. This appropriation is made without right-of-way requirements. A.F.E. 31-244.
4070. In Kaufman County an initial appropriation of \$117,403.82 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #15, F.A.P. 526-A & B, extending from the end of pavement east of Forney to the Dallas County line, a distance of 4.624 miles, for the construction of concrete pavement, with the understanding that when funds are available, Kaufman County shall reimburse the Highway Department in such amount as necessary to provide one-third the actual cost of constructing Units I and II. A.F.E. 31-245.
4071. In Denton County an initial appropriation of \$102,166.30 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #40, F.A.P. 117-Rev., Sec. B, and S.P. 802, extending from Hickory Creek to the Dallas County line, a distance of 8.262 miles, for the construction of triple bituminous surface treatment on gravel base, with the understanding that when funds are available Denton County shall reimburse the actual cost of constructing Units I and II. A.F.E. 31-246.

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4072. In Cooke County an initial appropriation of \$117,659.99 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway #5, F.A.P. 549-D, and S.P. 477-D, extending from Gainesville to the Grayson County line, a distance of 11.203 miles, for the construction of grading and drainage structures on condition that said county will furnish such right-of-way as may be required, fencing to be done by the county and on the further condition that when funds are available Cooke County shall reimburse the Highway Department to the extent of one-third the actual cost of construction. This minute is in accord with the conditions of Minute #1767. A.F.E. 31-247.
4073. In Dallas County on State Highway #114, S.P. 839-H, extending from Highway #1 to Vickery, and S.P. 839-G, the underpass section at Maple Avenue, a distance in all of 6.484 miles, the State Highway Engineer is authorized to proceed with the construction of concrete pavement on condition that said county pay the entire cost of construction.
4074. In Dallas County an initial appropriation of \$150,890.97 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division in State Highway #15, F.A.P. 526-C, extending from the Kaufman County line west to the end of pavement, a distance of 5.982 miles, for the construction of concrete pavement. A.F.E. 31-248.
4075. It is ordered by the Commission that the appointment of W. E. Bryan as Resident Engineer to supervise construction work in Hall County at a salary of \$275.00 per month, with an allowance of \$75.00 per month for the use of his automobile on the work, be confirmed. A.F.E. 31-249.
4076. It is ordered by the Commission that \$6,000.00 be appropriated for the purchase and repair of engineering instruments and equipment. A.F.E. 31-250.
4077. It is ordered by the Commission that \$4,525.00 be appropriated to purchase ten pair of scales to be used in weighing trucks. A.F.E. 31-251.
4078. It is ordered by the Highway Commission that an appropriation of \$1,200.00 be made to cover the purchase of approximately 40 sets of screens and scales for distribution to the Resident Engineers. A.F.E. 31-252.
4079. It is ordered by the Highway Commission that an appropriation of \$1,660.00 be made to cover the expense of a Research Project on Binders for Base Materials. This project to be under the direct charge of the Engineer of Materials & Tests, using the facilities of the Bureau of Engineering Research as much as he deems practical. A.F.E. 31-253.
4080. It is ordered by the Highway Commission that an appropriation of \$3,758.00 be made to cover the expense of a Research Project on aggregates for concrete paving. This project to be under the direct charge of the Engineer of Materials & Tests, using the facilities of the Bureau of Engineering Research as much as he deems practical. A.F.E. 31-254.



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4081. In the matter of transportation for resident engineers and assistants, maintenance superintendents and foremen, and any other persons using by authority transportation for the State Highway Department, the following order is passed:
- The State Highway Commission will allow, as of the present, the resident engineers to furnish a car, such car to be paid for on a monthly basis. For all other transportation used by engineering parties, the State Highway Engineer will, as fast as practicable, arrange the purchase of suitable low priced semi-trucks for this purpose, displacing at the same time any other form of transportation that is now being used. The State Highway Engineer, through the Maintenance Engineer, is hereby authorized to arrange for the purchase of low priced cars or trucks to be used by maintenance superintendents and county foremen now furnishing cars to the State Highway Department, so that by the end of the fiscal year, August 31, 1931, we shall have furnished all maintenance superintendents and county foremen such transportation as may be required; this to be owned by the State.
- The Maintenance Engineer will be directed to so mark all vehicles of this kind, over and above that required by law, in order that they may be easily and readily distinguished as State owned cars.
4082. It is moved by the State Highway Commission that an appropriation of \$670.00 be made to cover the following purchase of equipment from the Harris Motor Car Company of Fort Worth, Texas, this firm being the lowest bidder of the same:
- |   |               |
|---|---------------|
| 1 1½ Ton Dump Ford Truck with Anthony Body,<br>(with bumpers) | \$811.00      |
| Less trade-in of G. M. C. Truck Equip. #5972.                 | <u>141.30</u> |
|   | \$670.00      |
- A.F.E. 31-255.
4083. It is moved by the State Highway Commission that an appropriation of \$725.08 be made to cover the following purchase of equipment from the Lamberth Motor Company of Dallas, Texas, this firm being the lowest bidder of the same:
- |  |              |
|--|--------------|
| 1 1½ Ton Model A Ford Truck, fully equipped with<br>closed cab and bumper. | \$809.80     |
| Less Trade-in allowance on 1 G.M.C. Truck,                                 |              |
| License removed, Equipment #5971   | \$37.50      |
| Less Fleet Owner's Discount  | <u>47.22</u> |
|  | <u>84.72</u> |
|  | \$725.08     |
- A.F.E. 31-256.
4084. It is moved by the State Highway Commission that an appropriation of \$1,195.00 be made to cover the following purchase of equipment from the Covert Motor Company of Austin, Texas, this firm being the lowest bidder of the same:
- |  |               |
|--|---------------|
| 1 Buick Coupe, Model 8-66 with wood wheels                               | \$1,550.00    |
| Less allowance on trade-in of 1 Reo Flying Cloud<br>Coupe, Equipment #87 | <u>355.00</u> |
|  | \$1,195.00    |
- A.F.E. 31-257.



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4085. It is moved by the State Highway Commission that an appropriation of \$736.50 be made to cover the following purchase of equipment from the Tom Field Motor Company of Calvert, Texas, this firm being the lowest bidder of the same:

1 International Six-Speed Spec. Truck Model AW-2	\$784.50
Less allowance on trade-in of 1 Indiana Truck, Equip. #3001	<u>48.00</u>
	\$736.50

A.F.E. 31-258.

4086. It is moved by the State Highway Commission that an appropriation of \$1,425.00 be made to cover the following purchase of equipment from R. B. Goerge Machinery Company of Dallas, Texas, this firm being the lowest bidder of the same:

1 Holt 2-Ton Tractor	\$1,500.00
Less allowance on trade-in of 1 Tractor Motor #70262	<u>75.00</u>
	\$1,425.00

A.F.E. 31-259.

4087. It is moved by the State Highway Commission that an appropriation of \$1,690.00 be made to cover the following purchase of equipment from the J. D. Adams Company of Dallas, Texas, this firm being the lowest bidder of the same:

2 8' Leaning Wheel #7 Adams Graders @ \$895.00	\$1,790.00
Less allowance on trade-in of 2 Adams #28 Square Deal Graders, Equipment #6126 and #6127 @ \$50.00	<u>100.00</u>
	\$1,690.00

A.F.E. 31-260.

4088. It is moved by the State Highway Commission that an appropriation of \$1,276.10 be made to cover the purchase of the following equipment from the Linn Motor Company of Port Arthur, Texas, this firm being the lowest bidder of the same:

2 Latest Model Ford 1½-Ton Trucks with standard cabs @ \$772.05 each	\$1,544.10
Less allowance on trade-in of:	
1 Model T Ford Truck Eq. #3325	\$129.00
1 " T " " " #3831	<u>139.00</u>
	268.00
	\$1,276.10

A.F.E. 31-261

4089. It is moved by the State Highway Commission that an appropriation of \$5,670.00 be made to cover the following purchase of equipment from the Servis Equipment Company of Dallas, Texas, this firm being the lowest bidder of the same:

2 16' Servis #30 Motor Shaper Maintainers with cabs, less scarifiers @ \$3,700.00 ea.	\$7,400.00
Less allowance on trade-in of	
2 Edwards-Fordson Maintainers, Equipment #1012, #1013 @ \$865.00 each	<u>1,730.00</u>
	\$5,670.00

A.F.E. 31-262.

April 3, 1931

4090.

It is moved by the State Highway Commission that an appropriation of \$597.00 be made to cover the following purchase of equipment from the Curtis Norman Company of Brady, Texas, this firm being the lowest bidder of the same:

1 Latest Model AA 1½-Ton Ford Truck Chassis, 131" wheel base, standard equipment with closed cab and front bumper, without spare tire	\$698.45
Less allowance on trade-in of L Ford Model T. Truck equipment #3139, less body	<u>101.45</u>
	\$597.00

A.F.E. 31-263.

4091.

It is moved by the State Highway Commission that an appropriation of \$1,400.00 be made to cover the following purchase of equipment from the Wilson Auto Supply Company of Rio Grande City, Texas, this firm being the lowest bidder of the same:

2 Model AA 1½-Ton Ford Trucks with 1½ yard steel dump bodies, F.O.B. Corpus Christi @ \$825.00 each	\$1,650.00
Less allowance on trade-in of:	
2 Indiana Trucks, Equip. #3014, #3024 @ \$125.00 ea.	<u>250.00</u>
	\$1,400.00

A.F.E. 31-264.

4092.

In Blanco County an initial appropriation of \$8,609.79 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #108, from Blanco-Comal County line to intersection with Highway #20, a distance of 19.6 miles; this appropriation being made for betterment work, Job M-14-K-4 for moving fences, clearing and grubbing the entire distance and regravelling and surfac treating a one-half mile section through Blanco City. This appropriation is made on condition that said county will furnish such right-of-way as may be required to be not less than 100 feet in width, fences to be moved by the State, but all material to be furnished by county or property owners. A.F.E. 31-265.

4093.

In Red River County an initial appropriation of \$15,268.22 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway #5-A, from Annona to intersection with Highway #5, a distance of 3.10 miles; this appropriation being made for betterment work, Job M-1-O-5 for re-shouldering and graveling. This appropriation is made without right-of-way requirements. A.F.E. 31-266.

4094.

It is ordered by the Commission that an appropriation of funds be made to cover the cost of making surveys, securing necessary data and the preparation of plans for the following special bridge projects:

County	Fed. Aid Project.	Hwy.	Crossing	Engineering Appro.
McLennan	265-B	# 7	I. & G. N. Overpass	\$ 600.00
McLennan	605-B	#31	M. K. & T. "	600.00
McLennan	605-C	#31	I. & G. N. "	600.00
Pecos	612-C	#27	Large Structures	800.00
Pecos & Crockett	619-E	#27	Pecos River	1,000.00
Potter.		# 5	Amarillo Creek	500.00

April 3, 1931

4095.

It is moved by the State Highway Commission that an appropriation of \$599.00 be made to cover the following purchase of equipment from the Johnson Bros. Chevrolet Company of Marshall, Texas, this firm being the lowest bidder of the same:

1 1½-Ton Chevrolet Truck with closed cab.....\$714.00  
Less allowance on trade-in of:

1 Indiana Truck, Equipment #3018..... 115.00

\$599.00

A.F.E. 31-268.

April 7, 1931

4096.

In Tyler and Jasper Counties on bids received February 28, 1931, contract for bridge over Neches River and roadway approaches, a distance of 1.534 miles on State Highway #40, F.A.P. 606-A, is awarded to Thomas & Ratliff, Rogers, Texas, for \$124,247.50, which is the lowest and best bid.

4097.

In Hood County on bids received February 28, 1931, contract for construction of Brazos River Bridge east of Granbury a distance of 1.241 miles, on State Highway #10, F.A.P. 92-B, is awarded to L. H. Lacy Company, Dallas, Texas, for \$115,291.58, which is the lowest and best bid.

April 15, 1931

4098.

In Haskell County on bids received April 1, 1931, contract for construction of concrete pavement from Jones County line to Haskell, a distance of 14.366 miles, on State Highway #30, F.A.P. 603-A, Unit II, is awarded to L. E. Whitham & Company, Austin, Texas, for \$232,923.89, which is the lowest and best bid.

4099.

In Robertson and Leon Counties on bids received February 28, 1931, contract for construction of three bridges, 22 ft. roadway and roadway approaches, 30 ft. crown width, a distance of 1.169 miles, on State Highway #43, F.A.P. 582-D, is awarded to Thomas & Ratliff, Rogers, Texas, for \$96,316.68, which is the lowest and best bid.

4100.

An appropriation of \$4,000.00 is hereby made for the purchase of field laboratory equipment to be used in control of concrete paving. This equipment to be bought and used under the direction of the Construction Division. A.F.E. 31-269.

April 20, 1931

4101.

In Runnels County on bids received December 1, 1930, contract for construction of the large bridges from Ballinger to Coleman County line, a distance of 14.082 miles, on State Highway #23, F.A.P. 600-B, is awarded to Austin Bridge Company, Dallas, Texas, for \$41,671.40, which is the lowest and best bid.

APPROVED:

\_\_\_\_\_  
State Highway Engineer

W. A. Eddy  
Chairman,

\_\_\_\_\_  
Member

W. A. Eddy  
Member